

Contents of volume 21

Numbers 1-2, May 1988

- Parallel bioassay of 27 bombesin-like peptides on 9 smooth muscle preparations. Structure-activity relationships and bombesin receptor subtypes (RPT 00680)
G. Falconieri Erspamer, C. Severini, V. Erspamer, P. Melchiorri, G. Delle Fave and T. Nakajima (Italy, Japan) 1
- Secretion of neurotensin from isolated perfused porcine ileum (RPT 00682)
J. Holst Pedersen, S. Knuthsen, M. Bernabei, C. Ørskov and J.J. Holst (Denmark) 13
- Microinjections of growth hormone-releasing factor into the medial preoptic area/suprachiasmatic nucleus region of the hypothalamus stimulate food intake in rats (RPT 00683)
F.J. Vaccarino and M. Hayward (Canada) 21
- Effect of vagotomy and atropine on plasma somatostatin response to a meal in conscious dogs (RPT 00684)
M.-C. Woussen-Colle, C. Lalieu, C. Simoens and J. De Graef (Belgium) 29
- Distribution of pancreatic polypeptide-like immunoreactivity in rat tissues (RPT 00685)
K. Miyazaki and A. Funakoshi (Japan) 37
- Cholecystokinins but not gastrin-17 release calcitonin from thyroid C-cells in the rat (RPT 00686)
P. Persson, T. Grunditz, J. Axelsson, F. Sundler and R. Håkanson (Sweden) 45
- Autoregulation of renal hemodynamics is not impaired by a 'physiologic' dose of glucagon (RPT 00687)
A.J. Premen (U.S.A.) 57
- Characterization of content and chromatographic forms of neuropeptides in purified nerve varicosities prepared from guinea pig myenteric plexus (RPT 00688)
T.J. McDonald, F.L. Christofi, B.D. Brooks, W. Barnett and M.A. Cook (Canada) 69
- Comparison of half-disappearance times, distribution volumes and metabolic clearance rates of exogenous glucagon-like peptide 1 and glucagon-like peptide 1 and glucagon in rats (RPT 00689)
I. Oshima, M. Hirota, C. Ohboshi and K. Shima (Japan) 85

Peptide injections into the amygdala of conscious rats: effects on blood pressure, heart rate and plasma catecholamines (RPT 00690) <i>M.R. Brown and T.S. Gray (U.S.A.)</i>	95
Central μ -, δ - and κ -opioid influences on intestinal water and electrolyte transport in dogs (RPT 00691) <i>M.P. Primi, M.J. Fargeas and L. Bueno (France)</i>	107
Receptor occupancy and adenylate cyclase activation in rat liver and heart membranes by 10 glucagon analogs modified in position 2, 3, 4, 25, 27 and/or 29 (RPT 00692) <i>P. Robberecht, C. Damien, L. Moroder, D.H. Coy, E. Wünsch and J. Christophe (Belgium, F.R.G., U.S.A.)</i>	117
Tachykinin release from rat spinal cord in vitro and in vivo in response to various stimuli (RPT 00693) <i>B. Linderöth and E. Brodin (Sweden)</i>	129
The effects of intravenously administered bombesin on pentagastrin-stimulated acid secretion in cats (RPT 00694) <i>A. Bado, M.J.M. Lewin and M. Dubrasquet (France)</i>	141
Oxyntomodulin (glicentin-(33-69)): pharmacokinetics, binding to liver cell membranes, effects on isolated perfused pig pancreas, and secretion from isolated perfused lower small intestine of pigs (RPT 00695) <i>F.G.A. Baldissera, J.J. Holst, S. Knuhtsen, L. Histed and O.V. Nielsen (Denmark)</i>	151
Localization of receptors for atrial natriuretic polypeptide (ANP) in the glomerulus: in vitro electron microscopic autoradiographical investigation using ^{125}I -labeled ANP (RPT 00696) <i>K. Mizukawa, T. Ogura, I. Yamamoto, T. Mitsui, E. Katayama, Z. Ota and N. Ogawa (Japan)</i>	167
Corticotropin-releasing factor acts centrally to suppress stimulated gastric contractility in the rat (RPT 00697) <i>T. Garrick, A. Veisoh, A. Sierra, H. Weiner and Y. Taché (U.S.A.)</i>	173
Announcements	182
Erratum	183

Numbers 3-4, June 1988

- Somatostatin response to glucose before and after prolonged fasting in lean and obese non-diabetic subjects (RPT 00702)
A. Verrillo, A. de Teresa, C. Martino, G. di Chiara and L. Verrillo (Italy) 185
- Epidermal growth factor in plasma, serum and urine before and after prolonged exercise (RPT 00703)
L. Konradsen and E. Nexø (Denmark) 197
- Cysteamine-induced reduction in gastrointestinal somatostatin: evidence for a region-specific loss in immunoreactivity (RPT 00698)
C.H.S. McIntosh, V. Bakich, K. Bokenfohr, D. DiScala-Guenot, Y.N. Kwok and J.C. Brown (Canada) 205
- Identification of bombesin receptors on isolated muscle cells from human intestine (RPT 00699)
R. Micheletti, J.R. Grider and G.M. Makhlof (U.S.A.) 219
- The fasting and food-stimulated serum gastrin concentration in 151 duodenal ulcer patients compared to 41 healthy subjects (RPT 00700)
J. Poulsen and E. Amdrup (Denmark) 227
- Luminal receptors for bradykinin on the canine tracheal epithelium: functional subtyping (RPT 00701)
P.K. Rangachari, D. McWade and B. Donoff (Canada) 237
- Ontogeny of pituitary responsiveness to corticotropin-releasing hormone in rat (RPT 00704)
M. Hotta, T. Shibasaki, A. Masuda, T. Imaki, H. Demura, H. Ohno, S. Dai-koku, R. Benoit, N. Ling and K. Shizume (Japan, Canada, U.S.A.) 245
- Isolation and sequence of rat peptide YY and neuropeptide Y (RPT 00705)
R. Corder, R.C. Gaillard and P. Böhlen (Switzerland) 253
- Plasma levels of 7B2 (a novel pituitary polypeptide) and its molecular forms in plasma and urine in patients with chronic renal failure: possible degradation by the kidney (RPT 00707)
H. Iguchi, S. Natori, Y. Ou, H. Nawata, K. Kato, H. Ibayashi and S.R. Bloom (Japan, U.K.) 263
- α -Human atrial natriuretic polypeptide binding sites in human adrenal membrane fractions (RPT 00709)
M. Ohashi, N. Fujio, H. Nawata, H. Matsuo and K. Kato (Japan) 271

Epidermal growth factor (EGF) inhibits both intrinsic factor secretion and acid secretion in histamine-stimulated isolated gastric glands (RPT 00710) <i>P.J. Rackoff, M.J. Zdon, M. Tyshkov and I.M. Modlin (U.S.A.)</i>	279
Comparison of the effects of neuropeptide Y (NPY) and 4-norleucine-NPY on isolated perfused rat hearts; effects of NPY on atrial and ventricular strips of rat heart and on rabbit heart mitochondria (RPT 00711) <i>A. Balasubramaniam, I. Grupp, M.A. Matlib, R. Benza, R.L. Jackson, J.E. Fischer and G. Grupp (U.S.A.)</i>	289
Central catecholaminergic control of ACTH secretion (RPT 00708) <i>T. Takao, K. Hashimoto and Z. Ota (Japan)</i>	301
Distribution, quantitation, and origin of immunoreactive neuropeptide Y in the human gastrointestinal tract (RPT 00713) <i>T.R. Koch, D.R. Roddy, J.A. Carney, R.L. Telander and V.L.W. Go (U.S.A.)</i>	309
Effect of different calcium modulators on motilin-induced contractions of the rabbit duodenum. Comparison with acetylcholine (RPT 00714) <i>G. Matthijs, T.L. Peeters and G. Vantrappen (Belgium)</i>	321
Contents of volume 21	331
Author index	335
Key word index	338

